



(43) International Publication Date
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number
WO 2005/064948 A1

- (51) **International Patent Classification**⁷: **H04N 7/50** (81) **Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) **International Application Number**: PCT/IB2004/052692

(22) **International Filing Date**: 7 December 2004 (07.12.2004)

(25) **Filing Language**: English

(26) **Publication Language**: English

(30) **Priority Data**:
03104878.8 22 December 2003 (22.12.2003) EP

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(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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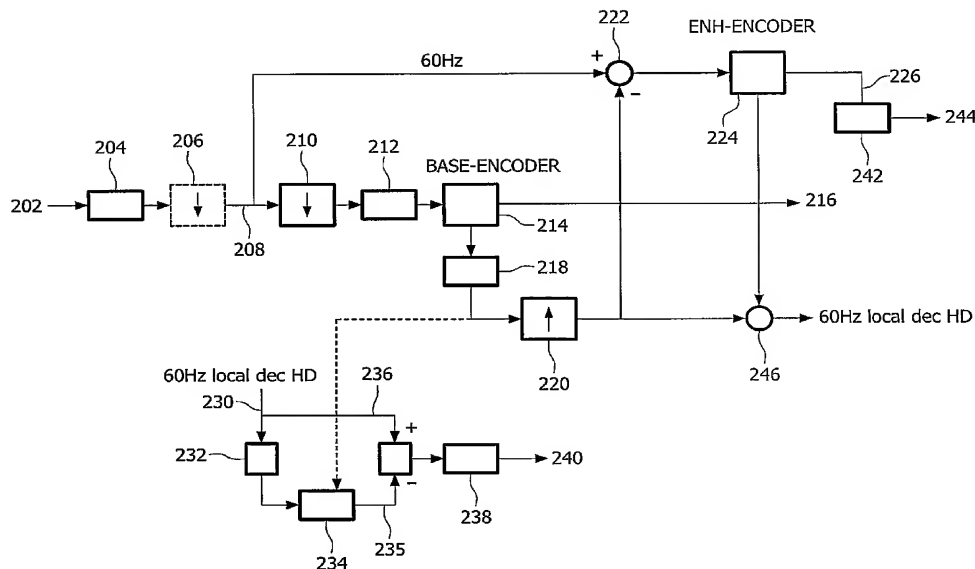
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[Continued on next page]

- (54) Title:** COMPATIBLE INTERLACED SDTV AND PROGRESSIVE HDTV



- (57) Abstract:** A method and an apparatus for efficiently performing spatial scalable compression of video information captured in a plurality of frames including an encoder for encoding and outputting the captured video frames into a compressed data stream is disclosed. A base encoder for encoding an interlaced bitstream having a relatively lower pixel resolution. A spatial enhancement encoder for encoding a differential between a de-interlaced local decoder output from the base layer and an input signal.

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IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

Published:

— with international search report

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